

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A fuse containing box for directly connecting to and mounting on a battery, the fuse containing box comprising:

an upper case and a lower case, each made of a polypropylene-based resin; and

a supporting plate housed between the upper case and the lower case and made of a heat-resistant nylon-based resin, the supporting plate including a battery fuse, and a bus bar connected to a terminal of the battery fuse,

wherein the supporting plate has a locking piece vertically formed on the supporting plate, the locking piece having at an upper end a bus bar fixing claw that horizontally projects to lock the bus bar in place,

wherein the upper case and the lower case mate with each other to together form a chamber in which the supporting plate is disposed so as to enclose the supporting plate within the chamber.

2. (Original) The fuse containing box according to claim 1, wherein the resin of the supporting plate is formed from a mixture of nylon 66 and polyphenylene ether (PPE).

3. (Original) The fuse containing box according to claim 1, wherein the upper case is formed from a mixture of polypropylene and an elastic resin; and the lower case is formed from a mixture of polypropylene and talc.

4. (Previously Presented) A fuse containing box for directly connecting to and mounting on a battery, the fuse containing box comprising:

an upper case and a lower case, each made of a polypropylene-based resin;

a supporting plate housed between the upper case and the lower case and made of a heat-resistant nylon-based resin, the supporting plate including a battery fuse, and a bus

bar connected to a terminal of the battery fuse, wherein the supporting plate has a locking piece vertically formed on the supporting plate, the locking piece having at an upper end a bus bar fixing claw that horizontally projects to lock the bus bar in place.

5. (Original) The fuse containing box according to claim 4, wherein a supporting plate cavity is formed between the bus bar fixing claw and the lower case.

6. (Original) The fuse containing box according to claim 5, wherein the lower case has a heat radiation opening that is in communication with the supporting plate cavity.

7. (Original) The fuse containing box according to claim 6, wherein the heat radiation opening is larger than the supporting plate cavity.

8. (Original) The fuse containing box according to claim 7, wherein a distance from a periphery of the opening to sides of the cavity is at least 0.5mm.

9. (Previously Presented) The fuse containing box according to claim 4, wherein the resin of the supporting plate is formed from a mixture of nylon 66 and polyphenylene ether (PPE).

10. (Previously Presented) The fuse containing box according to claim 4, wherein the upper case is formed from a mixture of polypropylene and an elastic resin; and the lower case is formed from a mixture of polypropylene and talc.

11. (Canceled)

12. (Currently Amended) The fuse containing box according to ~~claim 11~~, claim 1, wherein a supporting plate cavity is formed between the bus bar fixing claw and the lower case.

13. (Previously Presented) The fuse containing box according to claim 12, wherein the lower case has a heat radiation opening that is in communication with the supporting plate cavity.

14. (Previously Presented) The fuse containing box according to claim 13, wherein the heat radiation opening is larger than the supporting plate cavity.
15. (Previously Presented) The fuse containing box according to claim 14, wherein a distance from a periphery of the opening to sides of the cavity is at least 0.5 mm.